

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-12 (Cancelled).

Claims 13-20 (Not Entered).

Add the following new claims:

Claim 21 (New): A process for constructing an original support on which a cDNA library is immobilized and replicas of the original support comprising:

- a. chemically modifying a number of supports with respect to oligo dT;
- b. inserting the supports into containers;
- c. inserting the containers into container holding means;
- d. adding to the supports a reaction solution containing purified RNA solution, reverse transcriptase enzyme solution, and a nucleotide by feeding purified RNA solution through a liquid feeding means controlled by a liquid feeding switch, after a predetermined time at a temperature equal to or lower than the predetermined temperature, switching the liquid feeding switch means to reverse transcriptase enzyme solution to add reverse transcriptase solution, and adding

test material from a container and setting the temperature of the container holding means at a predetermined temperature to construct cDNA from mRNA;

e. setting the temperature of the container holding means to a temperature equal to or lower than the predetermined temperature, shifting the liquid feeding switch means to a waste liquid tank to discharge reaction solution in the container to a waste liquid tank;

f. shifting the liquid feeding switch means to a solution of tris-ethylenediaminetetraacetic acid;

g. heating the container holding means to a predetermined temperature so as to hybridize mRNA;

h. shifting the liquid feeding switch means to a container for temporarily preserving mRNA;

i. moving dehybridized mRNA solution to a second container for temporarily preserving mRNA by driving the liquid feeding means.

Claim 22 (New): The method according to claim 21 for constructing replica supports comprising using dehybridized mRNA comprising

providing a support and dehybridized mRNA in a container by reversibly driving the liquid feeding means.

Claim 23 (New): A method for producing an original support of gDNA library and replica supports comprising:

- a. providing a first support onto which chemically modified oligo nucleotide sense portion having a restrictive enzyme portion is immobilized whereby the oligonucleotide is hybridized and treated with a restrictive enzyme so as to prepare a complete restricted enzyme portion;
- b. setting the first support into a first container;
- c. setting replica supports having restrictive enzyme portions into containers;
- d. adding to each container reaction solution by successively adding to each container purified gDNA library solution treated with restrictive enzyme, DNA ligase solution, DNA polymerase solution, and nucleotide;
- e. maintaining the containers at a predetermined temperature for a predetermined time so as to immobilize a gDNA library on each support;
- f. cleaning each container with a solution of tris- ethylenediaminetetraacetic acid;
- g. temporarily preserving anti-sense portion of a gDNA library from each support.

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Claim 24 (New): The method according to claim 23
further producing replicas comprising adding temporarily
preserved anti-sense portion of a gDNA library to each
container containing a support.